

Title (en)

MNTF PEPTIDES AND COMPOSITIONS AND METHODS OF USE

Title (de)

MNTF-PEPTIDE UND ZUSAMMENSETZUNGEN UND ANWENDUNGSVERFAHREN

Title (fr)

PEPTIDES ET COMPOSITIONS DE FACTEURS TROPHIQUES DE MOTONEURONES ET LEURS PROCÉDÉS D'UTILISATION

Publication

EP 1587526 A4 20080102 (EN)

Application

EP 04704005 A 20040121

Priority

- US 2004001468 W 20040121
- US 44177203 P 20030121

Abstract (en)

[origin: US7795215B2] The present invention is directed to novel peptides and compositions capable of modulating viability and growth in neuronal cells, and to methods of modulating neuronal cell viability and growth employing the novel peptides and compositions of the invention. In one aspect, the invention is directed to novel peptide analogues of motoneuronotrophic factor 1 containing either a "WMLSAFS" or "FSRYAR domain," which is sufficient for neurotrophic and neurotropic function.

IPC 1-7

A61K 38/00

IPC 8 full level

C07K 14/475 (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP US)

A61P 9/10 (2018.01 - EP); **A61P 17/02** (2018.01 - EP); **A61P 21/00** (2018.01 - EP); **A61P 25/00** (2018.01 - EP); **A61P 25/02** (2018.01 - EP); **A61P 25/04** (2018.01 - EP); **A61P 25/28** (2018.01 - EP); **A61P 29/00** (2018.01 - EP); **A61P 31/00** (2018.01 - EP); **A61P 43/00** (2018.01 - EP); **C07K 14/475** (2013.01 - EP US); **A61K 38/00** (2013.01 - EP US)

Citation (search report)

- [A] O'LEARY P D ET AL: "STRUCTURE-ACTIVITY RELATIONSHIPS OF CONFORMATIONALLY CONSTRAINED PEPTIDE ANALOGUES OF LOOP 2 OF BRAIN-DERIVED NEUROTROPHIC FACTOR", JOURNAL OF NEUROCHEMISTRY, NEW YORK, NY, US, vol. 70, no. 4, 1998, pages 1712 - 1721, XP000874169, ISSN: 0022-3042
- [A] LONGO F M ET AL: "THE IN-VITRO BIOLOGICAL EFFECT OF NERVE GROWTH FACTOR IS INHIBITED BY SYNTHETIC PEPTIDES", CELL REGULATION, vol. 1, no. 2, 1990, pages 189 - 196, XP002458547, ISSN: 1044-2030

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004065410 A2 20040805; **WO 2004065410 A3 20041216**; AT E530191 T1 20111115; AU 2004205659 A1 20040805; AU 2004205659 B2 20090326; CA 2506855 A1 20040805; CA 2506855 C 20130827; DK 1587526 T3 20120206; EP 1587526 A2 20051026; EP 1587526 A4 20080102; EP 1587526 B1 20111026; ES 2375797 T3 20120306; JP 2006516287 A 20060629; JP 2011042659 A 20110303; JP 2012046538 A 20120308; JP 4913895 B2 20120411; US 2006052299 A1 20060309; US 2008125373 A1 20080529; US 7183373 B2 20070227; US 7795215 B2 20100914

DOCDB simple family (application)

US 2004001468 W 20040121; AT 04704005 T 20040121; AU 2004205659 A 20040121; CA 2506855 A 20040121; DK 04704005 T 20040121; EP 04704005 A 20040121; ES 04704005 T 20040121; JP 2006501057 A 20040121; JP 2010215438 A 20100927; JP 2011226655 A 20111014; US 54134304 A 20040121; US 65781507 A 20070125